

CLAIMS

1. A method of producing a processed soybean material, characterized by comprising:

a milling step of milling starting soybeans to generate soybean powder;

a hydrolyzing/swelling step of adding water to the soybean powder generated in said milling step to make a solution containing the soybean powder, and swelling the soybean powder contained in the solution; and

a heating step of heating the solution containing the soybean powder swollen in said hydrolyzing/swelling step.

2. The method of producing the processed soybean material according to claim 1, characterized in that in said milling step, the starting soybeans are milled such that the size of the soybean powder is 20 μm to 60 μm .

3. The method of producing the processed soybean material according to claim 1, characterized in that in said hydrolyzing/swelling step, water is added to the soybean powder such that 1 weight % to 15 weight % of soybean powder is contained in the solution containing the soybean powder.

4. The method of producing the processed soybean material according to claim 1, characterized in that in said hydrolyzing/swelling step, the soybean powder is swelled at not greater than 10°C for at least 30 minutes.

5. The method of producing the processed soybean material according to claim 1, characterized in that in said heating step, the solution containing the soybean powder is heated at 95°C to 130°C for at least 5 minutes.

6. The method of producing a processed soybean material according to claim 1, characterized in that the processed soybean material is used for producing dessert foods including pudding, jelly, bavarois, mousse, ice cream, and yogurt or subsidiary foods including soup, soybean curd, and seasoning.

7. A method of producing a processed soybean material characterized by comprising:

a milling step of milling starting soybeans to generate soybean powder;
a hydrolyzing/swelling step of adding water to the soybean powder generated in said milling step to make a solution containing the soybean powder, and swelling the soybean powder contained in the solution;
a heating step of heating the solution containing the soybean powder swollen in said hydrolyzing/swelling step; and
a pressurizing step of pressurizing the solution heated in said heating step.

8. The method of producing the processed soybean material according to claim 7, characterized in that in said pressurizing step, the solution is pressurized at a pressure of 150 kg/cm² to 200 kg/cm².

9. The method of producing the processed soybean material according to claim 7, characterized in that in said pressurizing step, the solution is pressurized with fat and oil added thereto.

10. The method of producing the processed soybean material according to claim 7, characterized in that in said milling step, the starting soybeans are milled such that the size of the soybean powder is 20µm to 60µm.

11. The method of producing the processed soybean material according to claim 7, characterized in that in said hydrolyzing/swelling step, water is added to the soybean powder such that 1 weight % to 15 weight % of soybean powder is contained in the solution containing the soybean powder.

12. The method of producing the processed soybean material according to claim 7, characterized in that in said hydrolyzing/swelling step, the soybean powder is swelled at not greater than 10°C for at least 30 minutes.

13. The method of producing the processed soybean material according to claim

7, characterized in that in said heating step, the solution containing the soybean powder is heated at 95°C to 130°C for at least 5 minutes.

14. The method of producing the processed soybean material according to claim 7, characterized in that the processed soybean material is used for producing dessert foods including pudding, jelly, bavarois, mousse, ice cream, and yogurt or subsidiary foods including soup, soybean curd, and seasoning.

15. A processed soybean material characterized by being obtained by milling starting soybeans, adding water to resultant soybean powder to obtain a solution containing the soybean powder, swelling the soybean powder in the solution, and heating the solution containing the swollen soybean powder.

16. The processed soybean material according to claim 15, characterized by being obtained by further pressuring the heated solution containing the soybean powder.

17. The processed soybean material according to claim 15, characterized by being obtained by pressurizing the heated solution containing the soybean powder at a pressure of 150 kg/cm² to 200 kg/cm².

18. The processed soybean material according to claim 15, characterized by being obtained by adding fat and oil to the heated solution containing the soybean powder and pressuring the solution to which the fat and oil are added.

19. The processed soybean material according to claim 15, characterized in that the milled soybean powder has a size of 20µm to 60µm.

20. The processed soybean material according to claim 15, characterized in that the solution containing the soybean powder is obtained by mixing 1 weight % to 15 weight % of soybean powder and 85 weight % to 99 weight % of water.

21. The processed soybean material according to claim 15, characterized in that the milled soybean powder is swelled at not greater than 10°C for at least 30 minutes.

22. The processed soybean material according to claim 15, characterized by

being obtained by heating the solution containing the swollen soybean powder at 95°C to 130°C for at least 5 minutes.

23. The processed soybean material according to claim 15 characterized by being used for producing dessert foods including pudding, jelly, bavarois, mousse, ice cream, and yogurt or subsidiary foods including soup, soybean curd, and seasoning.